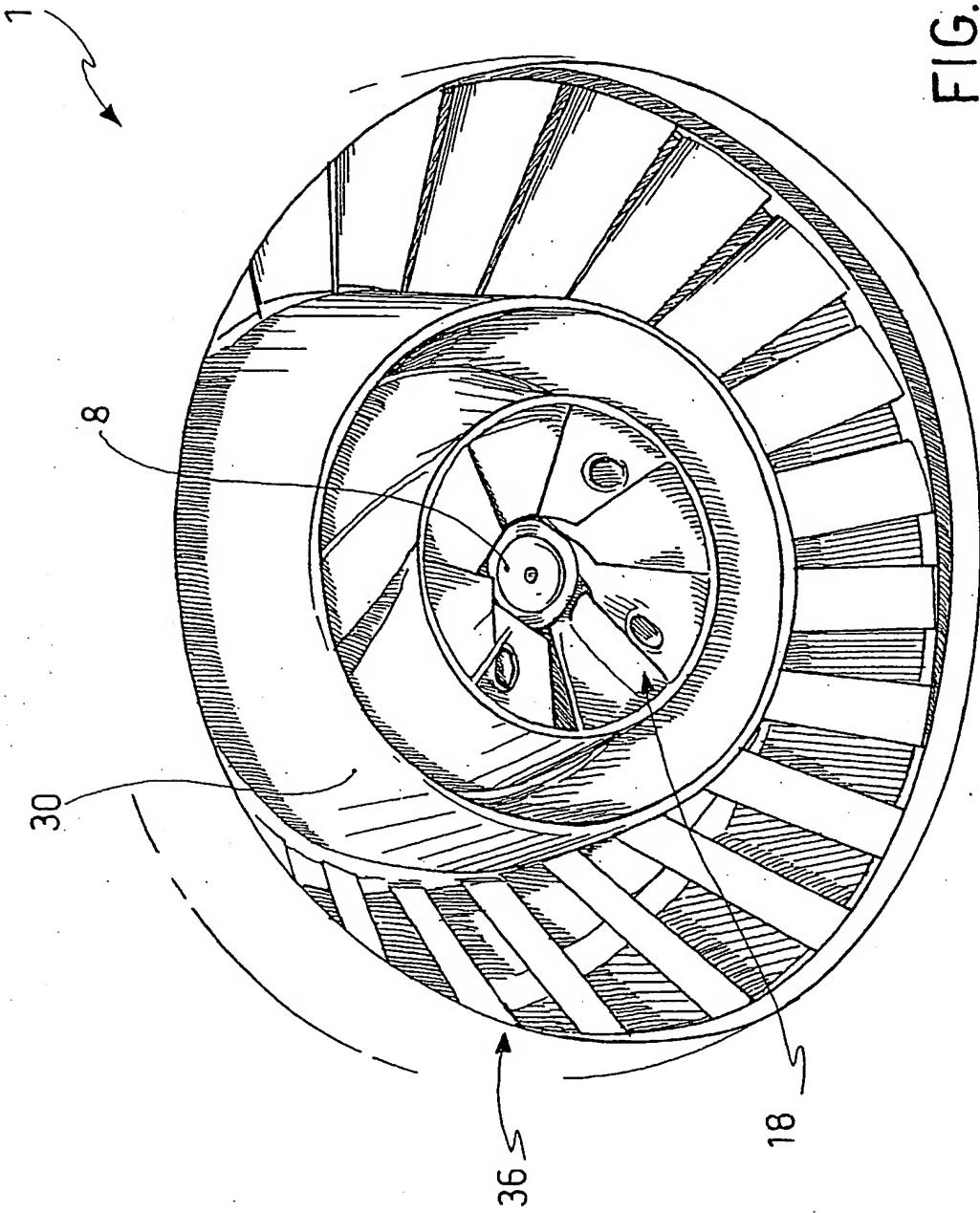
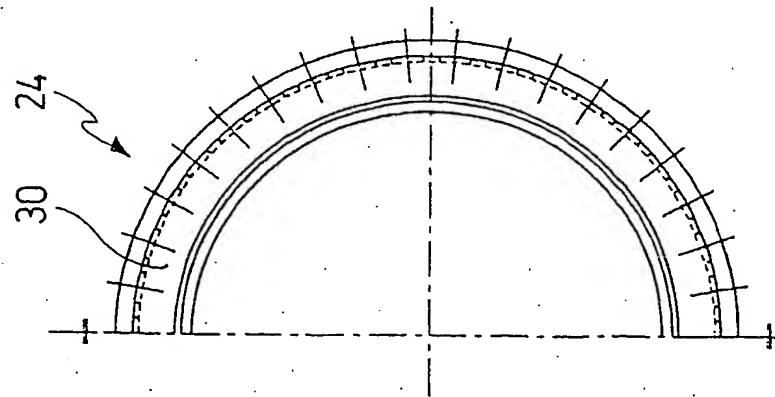
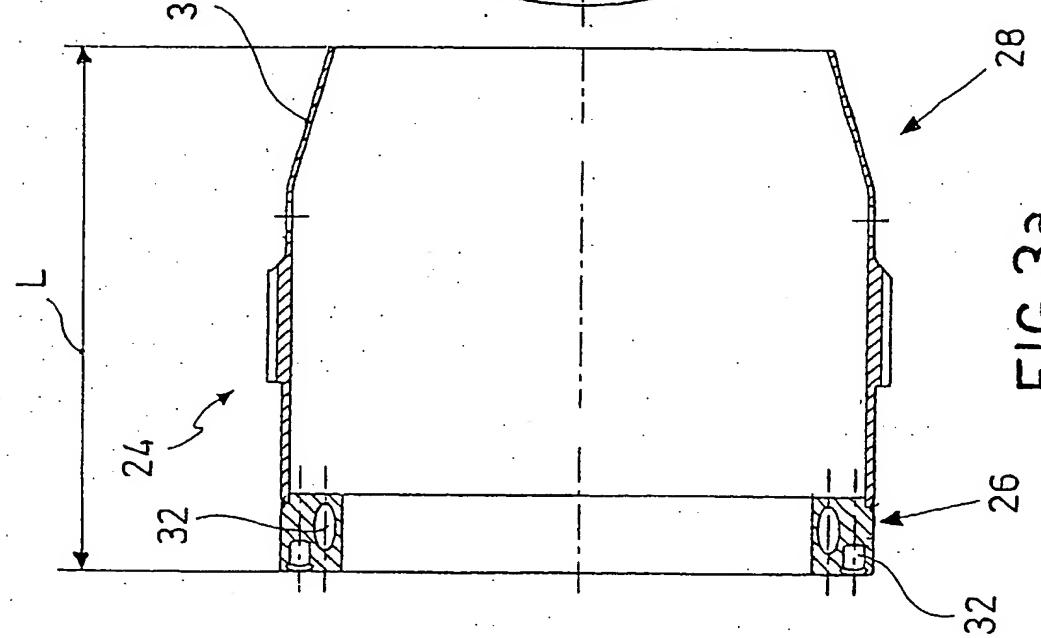
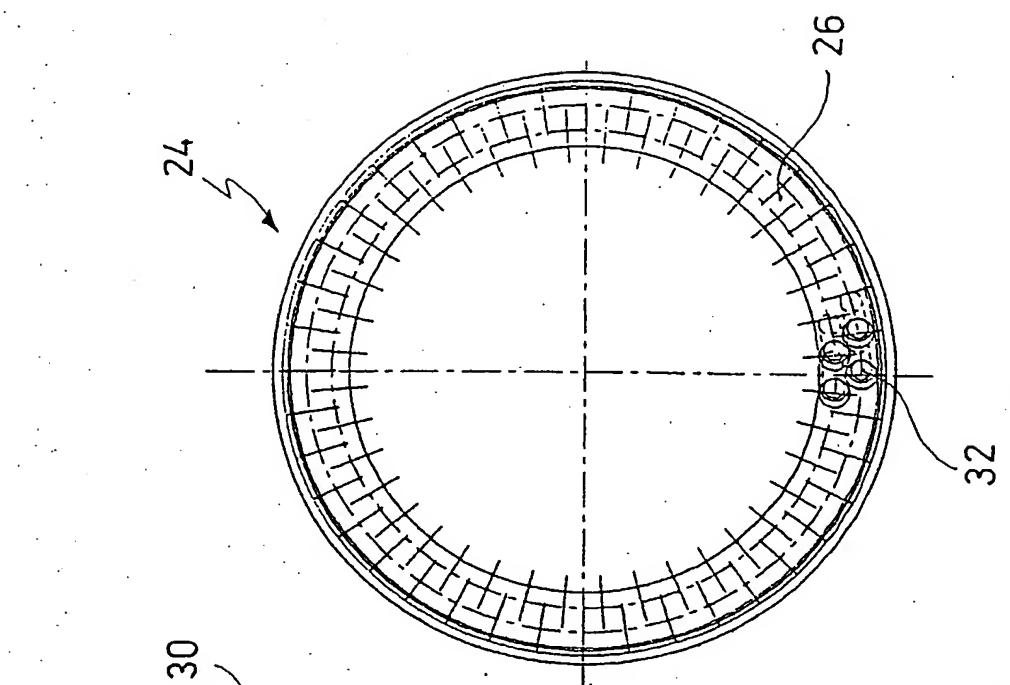


FIG. 2





4/6

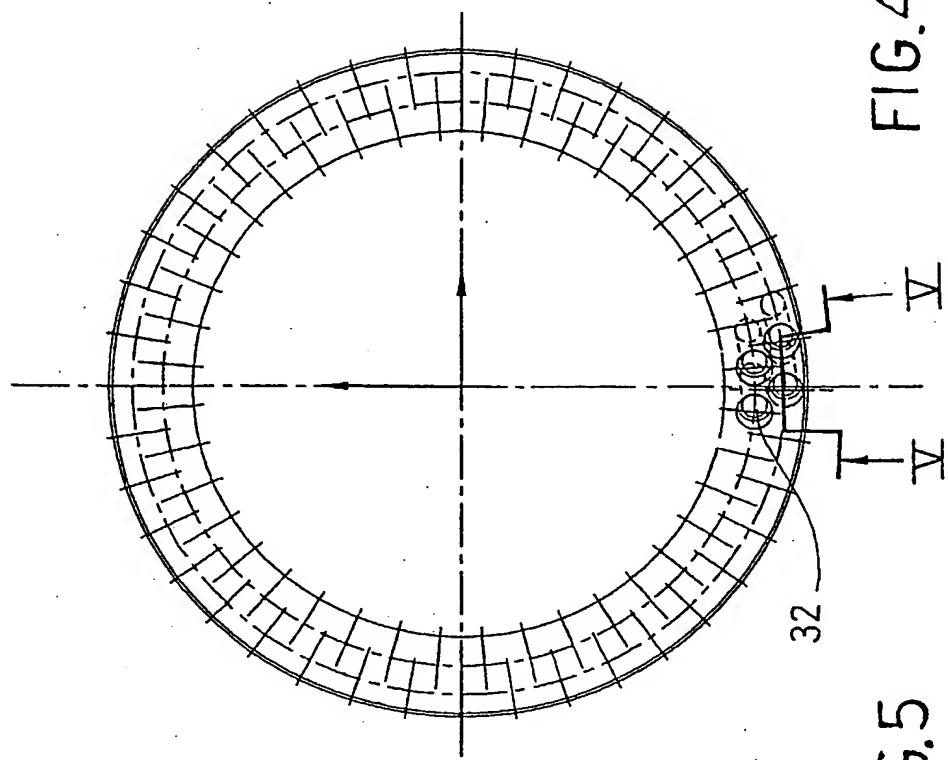


FIG. 4b

FIG. 5

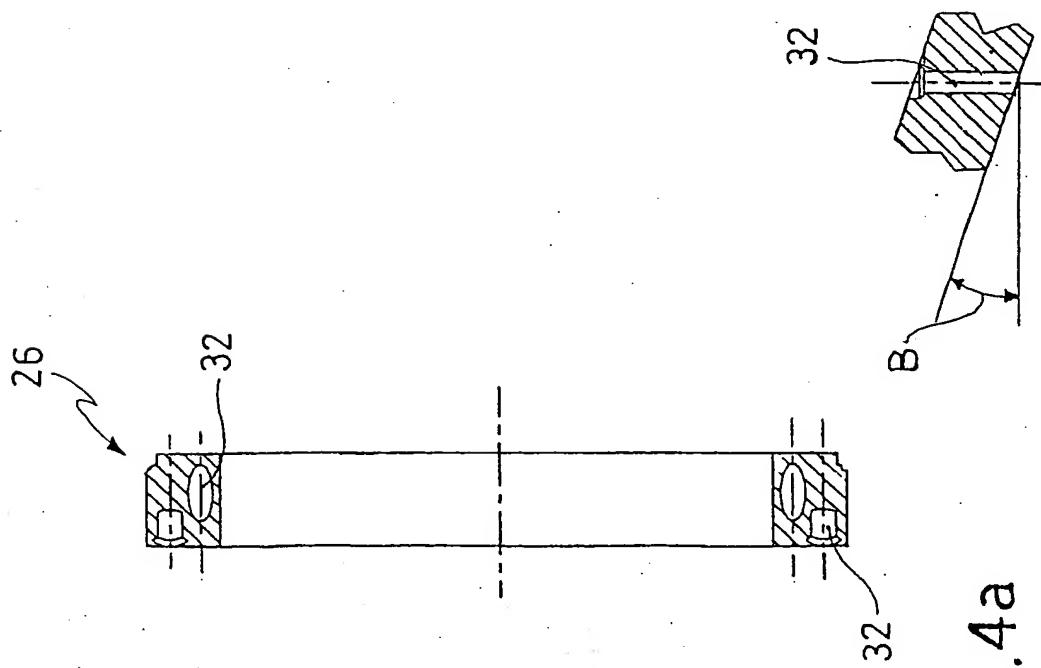


FIG. 4a

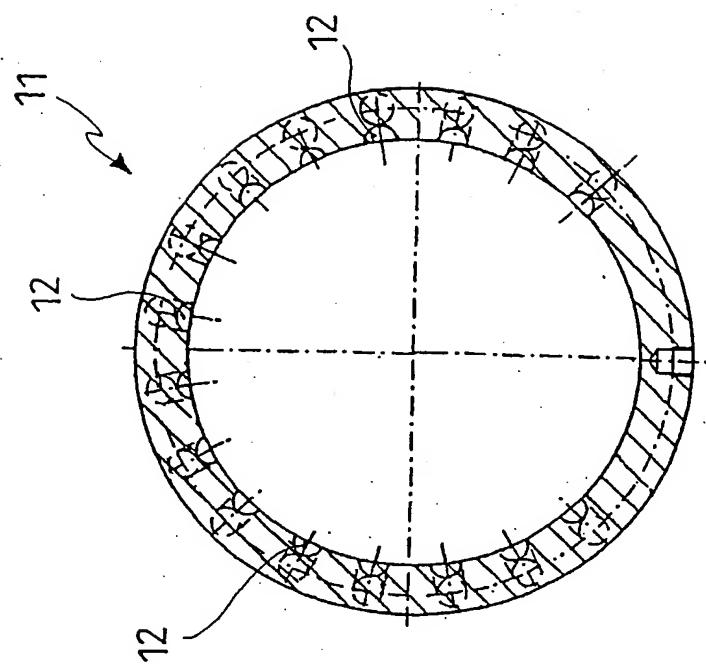


FIG. 6b

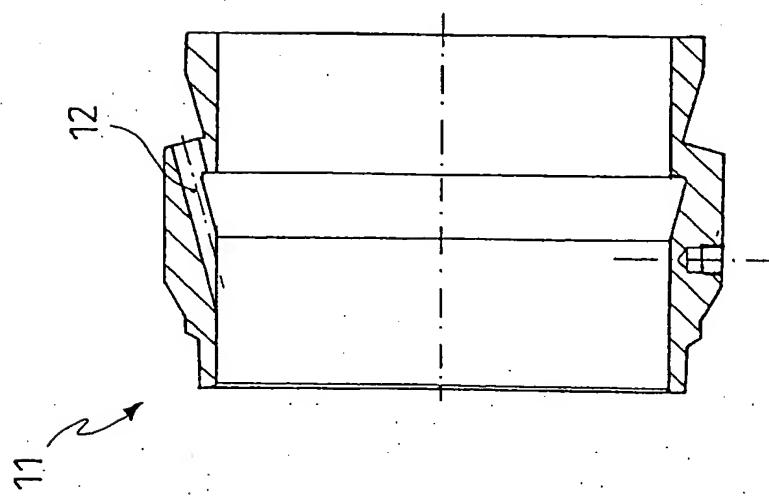


FIG. 6a

6/6

| Lean<br>gas | H <sub>2</sub><br>[% vol] | CO<br>[% vol] | H <sub>2</sub> O<br>[% vol] | N <sub>2</sub><br>[% vol] | CO <sub>2</sub><br>[% vol] | CH <sub>4</sub><br>[% vol] | Flame<br>velocity<br>[m/s] | Lower<br>heating<br>value<br>[MJ/kg] |
|-------------|---------------------------|---------------|-----------------------------|---------------------------|----------------------------|----------------------------|----------------------------|--------------------------------------|
| A           | 27                        | 33            | 35                          | 2                         | 3                          | -                          | 1.60                       | 8.60                                 |
| B           | 9                         | 16            | -                           | 46                        | 14                         | 15                         | 0.39                       | 7.30                                 |
| C           | 10                        | 10            | 26                          | 25                        | 8                          | 21                         | 0.35                       | 10.00                                |
| D           | 2                         | 17            | -                           | 48                        | 14                         | 19                         | 0.30                       | 7.30                                 |

Figure 7